**Order Type:** 

1660 Agreed Order

**Findings Order Justification:** 

N/A

Media:

AIR

**Small Business:** 

No

Location(s) Where Violation(s) Occurred:

MEMC Pasadena, 3000 North South Street, Pasadena, Harris County

Type of Operation:

Polysilicon manufacturing plant

**Other Significant Matters:** 

Additional Pending Enforcement Actions: No

Past-Due Penalties: No

Other: N/A

Interested Third-Parties: None

Texas Register Publication Date: September 5, 2014

Comments Received: No

# **Penalty Information**

**Total Penalty Assessed:** \$158,200

**Amount Deferred for Expedited Settlement:** \$31,640 **Amount Deferred for Financial Inability to Pay:** \$0

**Total Paid to General Revenue:** \$63,280

**Total Due to General Revenue:** \$0

Payment Plan: N/A

SEP Conditional Offset: \$63,280

Name of SEP: Houston-Galveston Area Council (Third-Party Pre-Approved)

**Compliance History Classifications:** 

Person/CN - Satisfactory Site/RN - Satisfactory

Major Source: Yes

Statutory Limit Adjustment: N/A

Applicable Penalty Policy: September 2002

# **Investigation Information**

Complaint Date(s): N/A

**Complaint Information**: N/A

Date(s) of Investigation: June 17, 2013 Date(s) of NOE(s): August 26, 2013

## **Violation Information**

- 1. Failed to comply with permitted emission rates. Specifically, during a stack test conducted on February 18, 2011, it was determined that the nitrogen oxides ("NOx") emission rate was 0.31 pound per hour ("lb/hr") for Emissions Point Number ("EPN") Y-C-201 and 0.59 lb/hr for EPN Y-C-301, exceeding the permitted emission rates of 0.23 lb/hr, resulting in the release of approximately 9,873.6 lbs of unauthorized NOx emissions [30 Tex. Admin. Code §§ 116.115(c) and 122.143(4), Federal Operating Permit ("FOP") No. 01412, Special Terms and Conditions ("STC") Nos. 7(a)(i) and 11, Air Permit No. 9597, Special Conditions ("SC") No. 1, and Tex. Health & Safety Code § 382.085(b)].
- 2. Failed to comply with the representations with regard to construction plans and operation procedures in an application for a permit. Specifically, on August 10, 2010, the emissions from Vent VP-9840/VP-9841 were authorized to be routed to EPN Y-E-7 and the emissions from Oil Scrubbers D-9104/D-91104 were authorized to be routed to EPN Y-E-2, but the Respondent began routing the emissions from Vent VP-9840/VP-9841 to EPNs Y-E-7 and Y-E-7B on January 4, 2011 and began routing the emissions from Oil Scrubbers D-9104/D-91104 to EPNs Y-E-2 and Y-E-2B on April 15, 2011, resulting in approximately 50 lbs of unauthorized particulate matter ("PM") emissions, 50 lbs of unauthorized PM equal to or less than 10 microns in diameter emissions, and 306.4 lbs of unauthorized volatile organic compounds ("VOC") emissions [30 Tex. ADMIN. CODE §§ 116.115(c) and 116.116(a), Air Permit No. 9597, SC No. 1, and Tex. HEALTH & SAFETY CODE § 382.085(b)].
- 3. Failed to authorize all emission points. Specifically, Vent VP-9840/VP-9841, EPN Y-E-7, was routed to EPNs Y-E-7 and Y-E-7B on January 4, 2011 and Oil Scrubber D-9104/D-91104, EPN Y-E-2, was routed to EPNs Y-E-2 and Y-E-2B on April 15, 2011 and put into service prior to obtaining a FOP revision [30 Tex. Admin. Code § 122.221(a)(2) and Tex. Health & Safety Code §§ 382.054 and 382.085(b)].
- 4. Failed to comply with permitted emission rates. Specifically, during stack tests conducted on May 12, 2010 for EPN Y-D-204 and on August 4, 2010 for EPN Y-D-4, it was determined that the emissions rate of silane-containing VOC from the LUWA Scrubber R-94150, EPN Y-D-4, was 2.91 lbs/hr and from the LUWA Scrubber R-94250, EPN Y-D-204, was 4.15 lbs/hr, exceeding the permitted emission rates of 0.63 lb/hr, resulting in total unauthorized emissions of silane containing VOC of 169,406.4 lbs [30 Tex. Admin. Code §§ 116.115(c) and 122.143(4), FOP No. O1412, STC No.11, Air Permit No. 9597, SC No. 1, and Tex. Health & Safety Code § 382.085(b)].

# Corrective Actions/Technical Requirements

# **Corrective Action(s) Completed:**

The Respondent has implemented the following corrective measures:

- a. On November 9, 2012, reconsolidated EPNs Y-E-2 and Y-E-2B to EPN Y-E-2 and obtained a permit amendment for Air Permit No. 9597 to address the split of EPN Y-E-7; and
- b. On February 20, 2014, submitted a FOP renewal and revision request in order to obtain FOP authorization for all emission points.

## **Technical Requirements:**

- 1. The Order will require the Respondent to implement and complete a Supplemental Environmental Project ("SEP"). (See SEP Attachment A)
- 2. The Order will also require the Respondent to:
- a. Within 30 days:
- i. Implement measures and/or procedures to ensure compliance with permitted emission rates for EPN Y-C-201; and
- ii. Commence an engineering study to determine whether compliance with permitted emission rates for EPNs Y-D-4 and Y-D-204 are expected to be most practically achieved by obtaining a permit amendment that will increase the maximum allowable emissions rates, by installing pollution control equipment, or by some combination thereof.
- b. Within 45 days, submit written certification to demonstrate compliance with Ordering Provision a.
- c. Within 60 days, implement measures and/or procedures to ensure compliance with the permitted emission rates for EPN Y-C-301;
- d. Within 75 days, submit written certification to demonstrate compliance with Ordering Provision c.
- e. Within 90 days, complete the engineering study outlined in Ordering Provision a.ii.
- f. Within 105 days, submit written certification to demonstrate compliance with Ordering Provision e.

# g. Within 180 days:

- i. Implement measures and/or procedures to ensure compliance with permitted emission rates for EPNs Y-D-4 and/or Y-D-204; or
- ii. Submit a permit amendment application to increase the permitted emission rates of EPNs Y-D-4 and/or Y-D-204.
- h. Within 195 days, submit written certification to demonstrate compliance with Ordering Provisions g.i. and/or g.ii.
- i. For the FOP renewal and revision request filed on February 20, 2014 and if any permit application is submitted for Ordering Provision g.ii., then respond completely and adequately, as determined by the TCEQ, to all requests for information concerning the renewal and/or amendment within 30 days after the date of such requests, or by any other deadline specified in writing.
- j. Within 365 days, submit written certification to demonstrate that the FOP and any applicable New Source Review permit authorization has been obtained for the affected emissions points or operation of the affected emissions points has ceased until such time that a proper authorization is obtained.

# Litigation Information

Date Petition(s) Filed: N/A Date Answer(s) Filed: N/A SOAH Referral Date: N/A Hearing Date(s): N/A Settlement Date: N/A

# **Contact Information**

TCEQ Attorney: N/A

TCEO Enforcement Coordinator: David Carney, Enforcement Division,

Enforcement Team 5, MC 149, (512) 239-2583; Candy Garrett, Enforcement Division,

MC 219, (512) 239-1456

**TCEQ SEP Coordinator**: Stuart Beckley, SEP Coordinator, Enforcement Division,

MC 219, (512) 239-3565

Respondent: Robin K. Prokop, Plant Manager, MEMC Pasadena, Inc., 3000 North

South Street, Pasadena, Texas 77503

Robert Williams, Environmental Safety and Health Manager, MEMC Pasadena, Inc.,

3000 North South Street, Pasadena, Texas 77503

Respondent's Attorney: N/A

#### **Attachment A**

# Docket Number: 2013-1858-AIR-E SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondent:	MEMC Pasadena, Inc.				
Penalty Amount:	One Hundred Twenty-Six Thousand Five Hundred Sixty Dollars (\$126,560)				
SEP Offset Amount:	Sixty-Three Thousand Two Hundred Eighty Dollars (\$63,280)				
Type of SEP:	Contribution to a Third-Party Pre-Approved SEP				
Third-Party Administrator:	Houston-Galveston Area Council-AERCO ("AERCO")				
Project Name:	Clean Vehicles Partnership Project				
Location of SEP: Angelina, Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston, Hardin, Harris, Houston, Jasper, Jefferson, Liberty, Matagorda, Montgomery, Nacogdoches, Newton, Orange, Polk, Sabine, San Augustine, San Jacinto, Trinity, Tyler, Walker, Waller, and Wharton Counties					

The Texas Commission on Environmental Quality ("TCEQ") agrees to offset a portion of the administrative penalty amount assessed in this Agreed Order for the Respondent to contribute to a Supplemental Environmental Project ("SEP"). The offset is equal to the SEP Offset Amount set forth above and is conditioned upon completion of the project in accordance with the terms of this Attachment A.

# 1. Project Description

# a. Project

The Respondent shall contribute the SEP Offset Amount to the Third-Party Administrator named above. The contribution will be to the **Houston-Galveston Area Council-AERCO** for the *Clean Vehicles Partnership Project*. The contribution will be used in accordance with the SEP between the Third-Party Administrator and the TCEQ (the "Project"). Specifically, the SEP Offset Amount will be used to to replace old, higher emission buses that do not meet 2010 Environmental Protection Agency ("EPA") emissions standards ("Old Buses") with new, lower emission buses that meet the most recent EPA emissions standards ("New Buses") or to retrofit or convert Old Buses with emissions reducing equipment. The Third-Party Administrator shall allocate the SEP Offset Amount to public entities such as school districts, local governments, and public transit authorities ("SEP Administrators") that apply for replacement, retrofit, or conversion of buses.

The SEP Offset Amount may also be used for retrofit or conversion technology that brings an Old Bus up to current EPA emissions standards. New Buses may be

alternative-fueled. The SEP Offset Amount may be used for up to 100% of the replacement, conversion, or retrofit cost. The SEP Offset Amount will be used only for purchase of New Buses or conversion or retrofit equipment and contract labor for installation of equipment. The SEP Offset Amount will not be used for financing such a purchase through a lease-purchase or similar agreement.

Retrofitting means reducing exhaust emissions to current standards by installing devices that are verified or certified by the EPA or the California Air Resources Board as proven retrofit technologies. Converting means replacing an engine system with an alternative fuel engine system to bring the Old Bus within the current EPA emissions standards. Buses to be replaced, retrofitted, or converted must be in regular use (driven at least five hundred miles per year for at least the past two years) by the SEP Administrator and must not already be scheduled for replacement in the following twenty-four months. All replaced buses must be fully decommissioned. The Third-Party Administrator shall provide proof of decommissioning to TCEQ for each replaced vehicle by submitting a copy of the TCEQ SEP Vehicle Replacement Disposition Form. The SEP will be done in accordance with all federal, state, and local environmental laws and regulations.

All dollars contributed will be used solely for the direct cost of implementing the Project, including, but not limited to supplies, materials, and equipment. Any portion of this contribution that is not spent on the specifically identified SEP may, at the discretion of the Executive Director ("ED"), be applied to another pre-approved SEP.

The Respondent's signature affixed to this Agreed Order certifies that the Respondent has no prior commitment to make this contribution and that it is being contributed solely in an effort to settle this enforcement action. The Respondent shall not profit in any manner from this SEP.

### b. Environmental Benefit

This SEP will directly benefit air quality by reducing harmful exhaust emissions that contribute to the formation of ozone and may cause or exacerbate a number of respiratory diseases, including asthma. For example, by replacing a 1989 diesel bus with a 2010 ultra-low emission model, passengers' exposure to nitrogen oxides may be reduced by 98 percent; volatile organic compounds by 93 percent; carbon dioxide by 83 percent; and particulate matter by 99 percent. In addition, by encouraging less bus idling, this SEP contributes to public awareness of air pollution and air quality.

# c. Minimum Expenditure

The Respondent shall contribute at least the SEP Offset Amount to the Third-Party Administrator and comply with all other provisions of this SEP.

## 2. Performance Schedule

Within 30 days after the effective date of this Agreed Order, the Respondent must contribute the SEP Offset Amount to the Third-Party Administrator. The Respondent shall make the check payable to **Houston-Galveston Area Council-AERCO SEP** and shall mail the contribution with a copy of the Agreed Order to:

Houston-Galveston Area Council-AERCO P.O. Box 22777 Houston, Texas 77227-2777

# 3. Records and Reporting

Concurrent with the payment of the SEP Offset Amount, Respondent shall provide the Enforcement SEP Coordinator with a copy of the check and transmittal letter indicating full payment of the SEP Offset Amount to the Third-Party Administrator. The Respondent shall mail a copy of the check and transmittal letter to:

Texas Commission on Environmental Quality Enforcement Division Attention: SEP Coordinator, MC 219 P.O. Box 13087 Austin, Texas 78711-3087

# 4. Failure to Fully Perform

If the Respondent does not perform its obligations under this Attachment A, including full expenditure of the SEP Offset Amount and submittal of the required reporting described in Sections 2 and 3 above, the ED may require immediate payment of all or part of the SEP Offset Amount.

In the event the ED determines that the Respondent failed to fully implement and complete the Project, the Respondent shall remit payment for all or a portion of the SEP Offset Amount, as determined by the ED, and as set forth in the attached Agreed Order. After receiving notice of failure to complete the SEP, the Respondent shall include the docket number of the attached Agreed Order and a note that the enclosed payment is for the reimbursement of a SEP; shall make the check payable to "Texas Commission on Environmental Quality;" and shall mail it to:

> Texas Commission on Environmental Quality Litigation Division Attention: SEP Coordinator, MC 175 P.O. Box 13087 Austin, Texas 78711-3087

# 5. Publicity

Any public statements concerning this SEP and/or project, made by or on behalf of the Respondent must include a clear statement that **the Project was performed as part of the settlement of an enforcement action brought by the TCEQ**. Such statements include advertising, public relations, and press releases.

# 6. Clean Texas Program

The Respondent shall not include this SEP in any application made to TCEQ under the "Clean Texas" (or any successor) program(s). Similarly, the Respondent may not seek recognition for this contribution in any other state or federal regulatory program.

# 7. Other SEPs by TCEQ or Other Agencies

The SEP Offset Amount identified in this Attachment A and in the attached Agreed Order has not been, and shall not be, included as a SEP for the Respondent under any other Agreed Order negotiated with the TCEQ or any other agency of the state or federal government.

#### Penalty Calculation Worksheet (PCW) Policy Revision 2 (September 2002) PCW Revision October 30, 2008 Assigned 3-Sep-2013 Screening 10-Sep-2013 EPA Due 23-May-2014 25-Jul-2014 PCW RESPONDENT/FACILITY INFORMATION Respondent MEMC Pasadena, Inc. Reg. Ent. Ref. No. RN101062099 Facility/Site Region 12-Houston Major/Minor Source Major CASE INFORMATION Enf./Case ID No. 47764 No. of Violations 4 Docket No. 2013-1858-AIR-E Order Type 1660 Media Program(s) Air Government/Non-Profit No Multi-Media Enf. Coordinator David Carney EC's Team Enforcement Team 5 Admin. Penalty \$ Limit Minimum \$0 Maximum \$10,000 Penalty Calculation Section TOTAL BASE PENALTY (Sum of violation base penalties) Subtotal 1 \$85,000 ADJUSTMENTS (+/-) TO SUBTOTAL 1 Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage. Compliance History 92.0% Enhancement Subtotals 2, 3, & 7 \$78,200 Enhancement for one NOV with same/similar violations, two orders with denial of liability, one federal order with denial of liability, and one final Notes judgment with denial of liability. Reduction for one notice of intent to conduct an audit and one disclosure of violations. **Culpability** No 0.0% Enhancement Subtotal 4 \$0 The Respondent does not meet the culpability criteria. Notes Good Faith Effort to Comply Total Adjustments Subtotal 5 \$5,000 0.0% Enhancement\* Subtotal 6 \$0 Total EB Amounts \*Capped at the Total EB \$ Amount \$9,973

Final Subtotal

Adjustment

Final Penalty Amount

Final Assessed Penalty

Reduction

0.0%

20.0%

Deferral offered for expedited settlement.

\$158,200

\$158,200

\$158,200

-\$31,640

\$126,560

\$0

Approx. Cost of Compliance

OTHER FACTORS AS JUSTICE MAY REQUIRE

Reduces or enhances the Final Subtotal by the indicated percentage.

SUM OF SUBTOTALS 1-7

STATUTORY LIMIT ADJUSTMENT

Reduces the Final Assessed Penalty by the indicated percentage.

PAYABLE PENALTY

Notes

Notes

**DEFERRAL** 

\$56,000

Policy Revision 2 (September 2002) PCW Revision October 30, 2008

Respondent MEMC Pasadena, Inc. Case ID No. 47764 Reg. Ent. Reference No. RN101062099

Media [Statute] Air Enf. Coordinator David Carney

**Compliance History Worksheet** 

NOVs	Written notices of violation ("NOVs") with same or similar violations as those in the current enforcement action (number of NOVs meeting criteria)	1	5%
MVVS	Other written NOVs	0	0%
	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	3	60%
Orders	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)	1	30%
and Consent Decrees	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0	0%
Emissions	Chronic excessive emissions events (number of events)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	1	-1%
Audits	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	1	-2%
	Ple.	ase Enter Yes or i	Vo
	Environmental management systems in place for one year or more	No	0%
Other	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%
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eat Violator (	**************************************	centage (Si	ıbtotal 3
<u> </u>	ory Person Classification (Subtotal 7)		
Satisfactory	Performer Adjustment Per	centage (Sı	ıbtotal 7
npliance Histo	ory Summary		
Compliance	Enhancement for one NOV with same/similar violations, two orders with denial or		

Total Adjustment Percentage (Subtotals 2, 3, & 7) 92%

Screening Date		Docket No. 20	)13-1858-AIR-E	PCW
	MEMC Pasadena, Inc.			ision 2 (September 2002)
Case ID No. Reg. Ent. Reference No.			PCW A	Revision October 30, 2008
Media [Statute]				
Enf. Coordinator	David Carney			
Violation Number	1			7
Rule Cite(s)		116.115(c) and 122.143(4)		
		li Terms and Conditions ("Sī onditions ("SC") No. 1, and		
	,	382.085(b)		
anadanani	F-8-301			
		mitted emission rates. Spec 18, 2011 it was determined		
Violation Description	("NOx") emission rate w	vas 0.31 pound per hour ("Il	o/hr") for Emissions Point	
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		f unauthorized NOx emission		
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Economic Benefit (EB) for	this violation	S	tatutory Limit Test	
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Reg. Ent. Reference No.							
Media							Years of
Violation No.						Percent Interest	Depreciation
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						5.0	15
	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Item Description	No commas or \$						
Delayed Costs							
Equipment				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling				0.00	\$0	n/a	\$0
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)	\$20,000	18-Feb-2011	29-Jun-2014	3.36	\$3,362	n/a	\$3,362
						ompliance with perm	
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Screening Date 10-Sep-2013 Docket No. 2013-1858-AIR-E Respondent MEMC Pasadena, Inc. Policy Revision 2 (September 2002) Case ID No. 47764 PCW Revision October 30, 2008 Reg. Ent. Reference No. RN101062099 Media [Statute] Air Enf. Coordinator David Carney Violation Number Rule Cite(s) 30 Tex. Admin. Code §§ 116.115(c) and 116.116(a), Air Permit No. 9597, SC No. 1, and Tex. Health & Safety Code § and 382.085(b) Failed to comply with the representations with regard to construction plans and operation procedures in an application for a permit. Specifically, on August 10, 2010, the emissions from Vent VP-9840/VP-9841 were authorized to be routed to EPN Y-E-7 and the emissions from Oil Scrubbers D-9104/D-91104 were authorized to be routed to EPN Y-E-2, but the Respondent began routing the emissions from Violation Description Vent VP-9840/VP-9841 to EPNs Y-E-7 and Y-E-7B on January 4, 2011 and began routing the emissions from Oil Scrubbers D-9104/D-91104 to EPNs Y-E-2 and Y-E-2B on April 15, 2011, resulting in approximately 50 pounds ("lbs") of unauthorized particulate matter ("PM") emissions, 50 lbs of unauthorized PM equal to or less than 10 microns in diameter emissions, and 306.4 lbs of unauthorized volatile organic compounds ("VOC") emissions. Base Penalty \$10,000 >> Environmental, Property and Human Health Matrix Harm Release Moderate Minor OR Actual Potential Percent 25% >>Programmatic Matrix Falsification Major Moderate Minor 0% Percent Human health or the environment has been exposed to insignificant amounts of pollutants which do Matrix not exceed levels that are protective of human health or environmental receptors as a result of the Notes violation. \$7,500 \$2,500 Violation Events Number of Violation Events Number of violation days daily weekly monthly mark only one \$20,000 quarterly **Violation Base Penalty** with an x semiannual annual single event Eight quarterly events are recommended from the non-compliance date of January 4, 2011 to the compliance date of November 9, 2012. Good Faith Efforts to Comply 25.0% Reduction \$5,000 Before NOV NOV to EDPRP/Settlement Offer Extraordinary Ordinary (mark with x) The Respondent completed the corrective actions on November 9, 2012, prior to the August 26, 2013 Notice Notes of Enforcement. \$15,000 **Violation Subtotal** Economic Benefit (EB) for this violation Statutory Limit Test Estimated EB Amount \$572 Violation Final Penalty Total \$33,400 This violation Final Assessed Penalty (adjusted for limits) \$33,400 

Case ID No.	MEMC Pasader	na, Inc.					
g. Ent. Reference No. Media	RN101062099 Air					Percent Interest	Years of
Violation No.	2					= 0	Depreciation
	Them Cost	Date Required	Einal Date	Vee	Interact Savad	5.0 Onetime Costs	1! EB Amount
Item Description		Date Required	i mai Date	113	interest Saveu	Olletaine Costs	LD AIRCOIL
Delayed Costs							
Equipment	\$1,000	15-Apr-2011	9-Nov-2012	1.57	\$5	\$105	\$110
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling				0.00	\$0	n/a	\$0
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs	\$5,000	4-Jan-2011	9-Nov-2012	1.85	\$462	n/a	\$462
Other (as needed)	Estimated co	st to obtain a peri	nit amendment	0,00 for all	\$0 emission points a	n/a n/a	\$0 reconsolidate
Notes for DELAYED costs	EPNs Y-E	-2 and Y-E-2B to I ompliance. The Fi	EPN Y-E-2. The nal Dates are t	for all Dates he date	emission points a Required are the that corrective a	nd estimated cost to dates of the docume ctions were complete	o reconsolidate ented non- ed,
Notes for DELAYED costs  Avoided Costs	EPNs Y-E	-2 and Y-E-2B to I ompliance. The Fi	EPN Y-E-2. The nal Dates are t	for all Dates he date	emission points at Required are the that corrective at ng item (except	nd estimated cost to dates of the docume ctions were complete for one-time avoid	o reconsolidate ented non- ed, <b>ded costs)</b>
Notes for DELAYED costs  Avoided Costs Disposal	EPNs Y-E	-2 and Y-E-2B to I ompliance. The Fi	EPN Y-E-2. The nal Dates are t	for all Dates he date enterii	emission points at Required are the that corrective at ng item (except \$0	nd estimated cost to dates of the docume ctions were complete for one-time avoic \$0	o reconsolidate ented non- ed; ded costs) \$0
Notes for DELAYED costs  Avoided Costs Disposal Personnel	EPNs Y-E	-2 and Y-E-2B to I ompliance. The Fi	EPN Y-E-2. The nal Dates are t	for all Dates he date enterii 0.00	emission points at Required are the that corrective at ng item (except \$0 \$0	nd estimated cost to dates of the docume ctions were complete for one-time avoid \$0 \$0	o reconsolidate ented non- ed; ded costs) \$0 \$0
Notes for DELAYED costs  Avoided Costs Disposal Personnel pection/Reporting/Sampling	EPNs Y-E	-2 and Y-E-2B to I ompliance. The Fi	EPN Y-E-2. The nal Dates are t	for all Dates he date enterii 0.00 0.00	emission points at Required are the that corrective at ng item (except \$0 \$0 \$0	nd estimated cost to dates of the docume ctions were complete for one-time avoid \$0 \$0 \$0	o reconsolidate ented non- ed.  ded costs) \$0 \$0 \$0
Notes for DELAYED costs  Avoided Costs Disposal Personnel pection/Reporting/Sampling Supplies/equipment	EPNs Y-E	-2 and Y-E-2B to I ompliance. The Fi	EPN Y-E-2. The nal Dates are t	for all Dates he date enterior 0.00 0.00 0.00 0.00 0.00	emission points at Required are the that corrective at the solution specific specifi	nd estimated cost to dates of the docume ctions were complete for one-time avoid \$0 \$0 \$0	p reconsolidate ented non-ed.  ded costs) \$0 \$0 \$0 \$0
Avoided Costs  Avoided Costs Disposal Personnel pection/Reporting/Sampling Supplies/equipment Financial Assurance [2]	EPNs Y-E	-2 and Y-E-2B to I ompliance. The Fi	EPN Y-E-2. The nal Dates are t	for all Dates he date   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00	emission points at Required are the that corrective at the solution solutio	nd estimated cost to dates of the docume ctions were complete for one-time avoid \$0 \$0 \$0 \$0	p reconsolidate ented non- ed.  ded costs) \$0 \$0 \$0 \$0 \$0 \$0
Avoided Costs  Disposal Personnel pection/Reporting/Sampling Supplies/equipment Financial Assurance [2] ONE-TIME avoided costs [3]	EPNs Y-E	-2 and Y-E-2B to I ompliance. The Fi	EPN Y-E-2. The nal Dates are t	E for all 2 Dates the date enterin 0.00 0.00 0.00 0.00 0.00 0.00	emission points at Required are the that corrective at ng item (except \$0 \$0 \$0 \$0 \$0	nd estimated cost to dates of the docume ctions were complete for one-time avoid \$0 \$0 \$0 \$0 \$0	o reconsolidate ented non- ed.  ded costs) \$0 \$0 \$0 \$0 \$0 \$0
Notes for DELAYED costs  Avoided Costs Disposal Personnel spection/Reporting/Sampling Supplies/equipment	EPNs Y-E	-2 and Y-E-2B to I ompliance. The Fi	EPN Y-E-2. The nal Dates are t	for all Dates he date   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00	emission points at Required are the that corrective at the solution solutio	nd estimated cost to dates of the docume ctions were complete for one-time avoid \$0 \$0 \$0 \$0	p reconsolidate ented non-ed.  ded costs) \$0 \$0 \$0 \$0 \$0 \$0

医二甲基二甲基二甲基甲基二甲基甲基二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	MEMC Pasadena, Inc.	Docket No. 2013-1858-AIR-E	PCW Policy Revision 2 (September 2002)
Case ID No. Reg. Ent. Reference No. Media [Statute] Enf. Coordinator Violation Number	RN101062099 Air David Carney		PCW Revision October 30, 2008
Rule Cite(s)		22.221(a)(2) and Tex. Health & Safety Code §§ and 382.085(b)	382.054
Violation Description	7, was routed to EPNs Y- 9104/D-91104, EPN Y-E-2	sion points. Specifically, Vent VP-9840/VP-9841 E-7 and Y-E-7B on January 4, 2011 and Oil Scru t, was routed to EPNs Y-E-2 and Y-E-2B on April o service prior to obtaining a FOP revision.	bber D-
			Penalty \$10,000
>> Environmental, Proper  Release OR Actual	Harm Major Moderate		
Potential	magasanishidi ka sama	Percent 0%	-
>>Programmatic Matrix Falsification	Major Moderate	Minor Percent 25%	
Matrix			
Notes	190% of the r	ule requirement was not met.	
		Adjustment	\$7,500
Violation Events			\$2,500
Number of	Violation Events 1	980 Number of violation of	lays
	dally		PROTECTION IN ANALYSIS
mark only one with an x	monthly quarterly semiannual annual single event x	Violation Base	Penalty \$2,500
	One single event is recon	nmended for not obtaining a FOP revision.	
Good Faith Efforts to Com	ply 0.00 Before NOV	Reduction NOV to EDPRP/Settlement Offer	\$0
	Extraordinary Ordinary		
	N/Al x Notes The Respo	(mark with x)   ndent does not meet the good faith criteria for   this violation.	
Anatomic Control of Co		Violation	Subtotal \$2,500
Economic Benefit (EB) for		Statutory Limit	
Estimat	red EB Amount This v	\$871 Violation Final Pena riolation Final Assessed Penalty (adjusted fo	-
		and the second s	¥ 1,000

eg. Ent. Reference No. Media Violation No.	Air					Percent Interest	Years of Depreciation
Violation No.	3					5.0	15
	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Item Description		,					
Delayed Costs							
Equipment				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
		B		1 0 00			\$0
Training/Sampling	L			0.00	\$0	n/a	
Training/Sampling Remediation/Disposal				0.00	\$0	n/a	\$0
Remediation/Disposal Permit Costs	\$5.000	4-Jan-2011	29-Jun-2014	0.00 3.48	\$0 \$871	n/a n/a	\$0 \$871
Remediation/Disposal	Estimated co	st to obtain FOP	authorization fo	0.00 3.48 0.00 r all en	\$0 \$871 \$0 nission points. The	n/a n/a n/a e Date Required is ti	\$0 \$871 \$0 ne date of the
Remediation/Disposal Permit Costs Other (as needed)  Notes for DELAYED costs  Avoided Costs	Estimated co	st to obtain FOP ocumented non-co	authorization fo	0.00 3.48 0.00 r all en Final I	\$0 \$871 \$0 hission points. The Date is the estimat ng item (except	n/a n/a n/a t/a e Date Required is the ed date of complian for one-time avoid	\$0 \$871 \$0 ne date of the ce.
Remediation/Disposal Permit Costs Other (as needed)  Notes for DELAYED costs  Avoided Costs Disposal	Estimated co	st to obtain FOP ocumented non-co	authorization fo	0.00 3.48 0.00 r all en Final C enterio	\$0 \$871 \$0 hission points. The Date is the estimat ing item (except \$0	n/a n/a n/a n/a e Date Required is the date of complian for one-time avoid	\$0 \$871 \$0 ne date of the ce.
Remediation/Disposal Permit Costs Other (as needed)  Notes for DELAYED costs  Avoided Costs Disposal Personnel	Estimated co	st to obtain FOP ocumented non-co	authorization fo	0.00 3.48 0.00 r all en Final I enterii 0.00 0.00	\$0 \$871 \$0 hission points. The Date is the estimat ing item (except \$0 \$0	n/a n/a n/a n/a e Date Required is the date of complian for one-time avoid \$0 \$0	\$0 \$871 \$0 ne date of the ce. <b>!ded costs)</b> \$0 \$0
Remediation/Disposal Permit Costs Other (as needed)  Notes for DELAYED costs  Avoided Costs Disposal Personnel spection/Reporting/Sampling	Estimated co	st to obtain FOP ocumented non-co	authorization fo	0.00 3.48 0.00 r all en Final I enterii 0.00 0.00	\$0 \$871 \$0 hission points. The Date is the estimat ng item (except \$0 \$0 \$0	n/a n/a n/a n/a e Date Required is the date of complian  for one-time avoid \$0 \$0 \$0	\$0 \$871 \$0 ne date of the ce. <b>ded costs)</b> \$0 \$0
Remediation/Disposal Permit Costs Other (as needed)  Notes for DELAYED costs  Avoided Costs Disposal Personnel spection/Reporting/Sampling Supplies/equipment	Estimated co	st to obtain FOP ocumented non-co	authorization fo	0.00 3.48 0.00 r all en Final I 0.00 0.00 0.00	\$0 \$871 \$0 hission points. The pate is the estimat ag item (except \$0 \$0 \$0 \$0	n/a n/a n/a n/a e Date Required is the date of complian  for one-time avoid \$0 \$0 \$0 \$0 \$0	\$0 \$871 \$0 ne date of the ce. (led costs) \$0 \$0 \$0
Remediation/Disposal Permit Costs Other (as needed)  Notes for DELAYED costs  Avoided Costs Disposal Personnel spection/Reporting/Sampling Supplies/equipment Financial Assurance [2]	Estimated co	st to obtain FOP ocumented non-co	authorization fo	0.00 3.48 0.00 r all en Final I 0.00 0.00 0.00 0.00	\$0 \$871 \$0 hission points. The Pate is the estimat of item (except \$0 \$0 \$0 \$0 \$0	n/a n/a n/a n/a e Date Required is the date of complian  for one-time avoid \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$871 \$0 ne date of the ce. <b>!ed costs)</b> \$0 \$0 \$0 \$0
Remediation/Disposal Permit Costs Other (as needed)  Notes for DELAYED costs  Avoided Costs Disposal Personnel spection/Reporting/Sampling Supplies/equipment	Estimated co	st to obtain FOP ocumented non-co	authorization fo	0.00 3.48 0.00 r all en Final I 0.00 0.00 0.00	\$0 \$871 \$0 hission points. The pate is the estimat ag item (except \$0 \$0 \$0 \$0	n/a n/a n/a n/a e Date Required is the date of complian  for one-time avoid \$0 \$0 \$0 \$0 \$0	\$0 \$871 \$0 ne date of the ce. <b>!ed costs)</b> \$0 \$0 \$0
Remediation/Disposal Permit Costs Other (as needed)  Notes for DELAYED costs  Avoided Costs Disposal Personnel spection/Reporting/Sampling Supplies/equipment Financial Assurance [2] ONE-TIME avoided costs [3]	Estimated co	st to obtain FOP ocumented non-co	authorization fo	0.00   3.48   0.00   r all en   Final I   0.00   0.00   0.00   0.00   0.00   0.00   0.00	\$0 \$871 \$0 hission points. The Date is the estimat ing item (except \$0 \$0 \$0 \$0 \$0 \$0	n/a n/a n/a n/a n/a e Date Required is the ed date of complian  for one-time avoid \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$871 \$0 ne date of the ce. <b>!ed costs)</b> \$0 \$0 \$0 \$0 \$0

Screening Date		Docket I	<b>No.</b> 2013-1858-AIR-E		PCW
Respondent Case ID No.	MEMC Pasadena, Inc.				(September 2002)
Reg. Ent. Reference No.				rcw Revision	October 30, 2008
Media (Statute)					
Enf. Coordinator					
Violation Number	4				
Rule Cite(s)	to the second of		8(4), FOP No. 01412, STC h & Safety Code § 382.08		
Violation Description	conducted on May 12, 20 was determined that t Scrubber R-94150, EP 94250, EPN Y-D-204, v	D10 for EPN Y-D-204 and the emissions rate of silar PN Y-D-4, was 2.91 lbs/h was 4.15 lbs/hr, exceedir	tes. Specifically, during s on August 4, 2010 for EF ne-containing VOC from the r and from the LUWA Scrung the permitted emission ssions of silane-containing 16.4 lbs.	N Y-D-4, it ne LUWA ubber R- s rates of	
			Ba	se Penalty	\$10,000
>> Environmental, Proper	ty and Human Heal	th Matrix			
Release	Harm				
OR Actual		te Millor			
Potential			Percent 25%		
>>Programmatic Matrix Falsification	Major Moderal	te Minor			
FaisiiCation	Plajor Proderas		Percent 0%		
	<u> </u>				
Matrix Human health	n or the environment has l	been exposed to insignifi	cant amounts of pollutant	s which do	
Notes not exceed le	evels that are protective of		nmental receptors as a re	sult of the	
		violation.			1
			Adjustment	\$7,500	April 4
			Aujustricit	ψ <i>γ</i> ,300	***************************************
The second of the second secon				1	\$2,500
Violation Events					
100000000000000000000000000000000000000					****
Number of N	Violation Events 14	121	7 Number of violation o	lays	
· ·	l an				
**************************************	daily weekly				
	monthly				
mark only one with an x	quarterly x		Violation Bas	se Penalty	\$35,000
	semiannual				
	annual				
	single event	النسيد			
P. Walde	quarterly events are recon	amonded from the steel	that data of May 12, 2010	l to the	
Fourteen		g date of September 10,		whe	
Good Faith Efforts to Com	nlv 0.0	0% Reduction			\$0
	Before NO		nt Offer		
	Extraordinary				
	Ordinary				
	N/A x	(mark with x)			
	Notes The Resp	oondent does not meet th	The state of the s		
	140(C3	this violatio			TO THE STATE OF TH
A WAR	Biographic Control of the Control of		<u> </u>		
Action 1			Violatio	n Subtotal	\$35,000
Economic Benefit (EB) for	this violation		Statutory Limit	Test	
Estimat	ed EB Amount	\$5,168	Violation Final Per	alty Total	\$67,200
	Th	is violation Final Asse	ssed Penalty (adjusted	for limits)	\$67,200

	E	conomic	Benefit	Wo	rksheet		
Respondent	MEMC Pasade	na, Inc.	-59 (55 (5) 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9999999999			
Case ID No.	47764						
Reg. Ent. Reference No.	RN101062099						
Media	Air						Years of
Violation No.	4					Percent Interest	Depreciation
						5.0	15
	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
Item Description							
***************************************	no cominas or a						
Delayed Costs							
Equipment		1		0.00	\$0	\$0	<u>\$0</u> 1
Buildings	<b></b>			0.00	\$0 \$0	\$0 \$0	\$0 \$0
Other (as needed)	<del></del>			0.00	\$0	\$0 \$0	\$0 \$0
Engineering/construction		1		0.00	\$0	\$0	\$0 \$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling				0.00	\$0	n/a	\$0
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)	\$25,000	12-May-2010	29-Jun-2014	4.13	\$5.168	n/a	\$5.168
Notes for DELAYED costs  Avoided Costs	Scrubbers.	The Date Requir	ed is the date o estimate	f the d d date	ocumented non-co of compliance.	mitted emission rate impliance. The Fina for one-time avoid	I Date is the
	ANNUAL	TYE [1] avoinen	costs before			<del> </del>	*******
Disposal Personnel	<b></b>	<b></b>		0.00	\$0 \$0	\$0 \$0	\$0 \$0
nspection/Reporting/Sampling		<b></b>		0.00	\$0 \$0	\$0 \$0	\$0 \$0
Supplies/equipment	<del> </del>			0.00	\$0 \$0	<u>30</u> \$0	\$0 \$0
Financial Assurance [2]				0.00	\$0	\$0 \$0	<u> </u>
					\$0	\$0	30
ONF-TIME avoided costs [3]	<b>3</b>	re <b>p</b> erture and the second of					¢Λ
ONE-TIME avoided costs [3] Other (as needed)				0.00			\$0 \$0
ONE-TIME avoided costs [3] Other (as needed)				0.00	\$0 \$0	\$0	\$0 \$0
				-			********

To request a more accessible version of this report, please contact the TCEQ Help Desk at (512) 239-4357.



# Compliance History Report

**PUBLISHED** Compliance History Report for CN600619415, RN101062099, Rating Year 2013 which includes Compliance History (CH) components from September 1, 2008, through August 31, 2013.

Customer, Respondent, or CN600619415, MEMC Pasadena, Inc.

11

Classification: SATISFACTORY

**Rating:** 13.33

Owner/Operator: Regulated Entity:

RN101062099, MEMC Pasadena

Classification: SATISFACTORY

**Rating:** 13.33

**Complexity Points:** 

Repeat Violator: NO

CH Group:

05 - Chemical Manufacturing

Location:

3000 NORTH SOUTH STREET, PASADENA, TEXAS 77503, HARRIS COUNTY

TCEQ Region:

**REGION 12 - HOUSTON** 

ID Number(s):

AIR OPERATING PERMITS PERMIT 1412

**AIR NEW SOURCE PERMITS PERMIT 9597** 

AIR NEW SOURCE PERMITS REGISTRATION 55246

AIR NEW SOURCE PERMITS REGISTRATION 95822
AIR NEW SOURCE PERMITS REGISTRATION 109342

AIR NEW SOURCE PERMITS REGISTRATION 119591

AIR NEW SOURCE PERMITS REGISTRATION 119121
INDUSTRIAL AND HAZARDOUS WASTE EPA ID

TXR000007088

AIR EMISSIONS INVENTORY ACCOUNT NUMBER HX0029W

AIR OPERATING PERMITS ACCOUNT NUMBER HX0029W

AIR NEW SOURCE PERMITS AFS NUM 4820101473 AIR NEW SOURCE PERMITS REGISTRATION 106728

AIR NEW SOURCE PERMITS ACCOUNT NUMBER HX0029W

INDUSTRIAL AND HAZARDOUS WASTE SOLID WASTE

REGISTRATION # (SWR) 84039

**POLLUTION PREVENTION PLANNING ID NUMBER P03066** 

Rating Year: 2013

**Rating Date:** 09/01/2013

Compliance History Period: September 01,

Date Compliance History Report Prepared:

September 01, 2008 to August 31, 2013

epared: June 27, 2014

**Agency Decision Requiring Compliance History:** 

Enforcement

**Component Period Selected:** 

May 05, 2009 to May 05, 2014

TCEQ Staff Member to Contact for Additional Information Regarding This Compliance History.

Name: David Carney

Phone: (512) 239-2583

#### Site and Owner/Operator History:

1) Has the site been in existence and/or operation for the full five year compliance period?

YES

2) Has there been a (known) change in ownership/operator of the site during the compliance period?

NO

3) If **YES** for #2, who is the current owner/operator?

N/A

4) If YES for #2, who was/were the prior

N/A

owner(s)/operator(s)?

N/A

5) If **YES**, when did the change(s) in owner or operator

N/A

occur?

1

# Components (Multimedia) for the Site Are Listed in Sections A - J

A. Final Orders, court judgments, and consent decrees:

Effective Date: 12/21/2009

COURTORDER (Final Judgeme

(Final Judgement-Agreed Order With Denial)

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter A 101.4

30 TAC Chapter 101, SubChapter F 101.201(b)(2)(F)

30 TAC Chapter 101, SubChapter F 101.201(b)(2)(G)

30 TAC Chapter 101, SubChapter F 101.201(b)(2)(H)

5C THSC Chapter 382 382.002

Description: On September 8, 2008, a Violation Notice for violations of 30 TAC Code 101.04 and 101.201(b)(2)(F), (G) and (H) because it was determined that defendant caused a nuisance condition caused by particular matter generatedfrom

two non-reportable emission events at Defendant's manufacturing plant that occured on or about July 2, 2008. It was additionally determined that Defendant failed to keep proper records of the incidents as required by TAC101.201(b)(2)et seq.

2 Effective Date: 02/05/2011 ADMINORDER 2010-1078-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Minor

Citation:

30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)

30 TAC Chapter 101, SubChapter F 101.201(b)(1)(H)

5C THSC Chapter 382 382.085(b)

Description: Failed to properly report Incident No. 137503. Specifically, the emissions event was discovered at 2:45 p.m. on March 24, 2010, but was not reported until 3:25 p.m. on March 25, 2010, and the permit number governing the facilities involved in the emissions event was not provided in the final record.

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(c) Citation:

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT Special Condition 6 PERMIT

Description: Failed to prevent an unauthorized emissions. Specifically, the Respondent released 1,959 pounds of silica which resulted in 30% opacity from the Inorganic Flare in the PA-21 Process Unit during an emissions event that began on March 24, 2010 and lasted 36 minutes (Incident No. 137503) when Storage Tank D-9344 was overfilled during a silane transfer, causing the relief valve to lift.

Effective Date: 08/26/2013 3

ADMINORDER 2012-2036-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Ramt Prov: Special Condition 1 PERMIT

Description: Failed to prevent unauthorized emissions during incident Incident No. 166969. [Subcategory A.12(i)(6)]

Classification: Moderate

30 TAC Chapter 122, SubChapter B 122.143(4)

30 TAC Chapter 122, SubChapter B 122.146(2)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: General Terms and Conditions OP

Description: Failure to submit Permit Compliance Certification (PCC) within 30 days of the end of the certification period.

(Category A8)

See addendum for information regarding federal actions.

#### B. Criminal convictions:

N/A

#### C. Chronic excessive emissions events:

N/A

#### D. The approval dates of investigations (CCEDS Inv. Track. No.):

Item 1	May 12, 2009	(745311)
Item 2	September 08, 2010	(829437)
Item 3	September 21, 2010	(841831)
Item 4	November 19, 2010	(873741)
Item 5	March 01, 2011	(900873)
Item 6	July 05, 2011	(924142)
Item 7	October 24, 2011	(951206)
Item 8	October 15, 2012	(1036759)
Item 9	December 21, 2012	(1044344)
Item 10	October 21, 2013	(1124416)
Item 11	October 31, 2013	(1123641)

#### E. Written notices of violations (NOV) (CCEDS Inv. Track. No.):

A notice of violation represents a written allegation of a violation of a specific regulatory requirement from the commission to a regulated entity. A notice of violation is not a final enforcement action, nor proof that a violation has actually occurred.

1

Date: Self Report?

02/28/2014 NO

(1123139)

CN600619415

Classification:

Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

SC No. 1 PERMIT STC No. 1A and 11 OP

Description:

Failure to prevent an opacity event on July 26, 2012; March 4, 2013, March 21, 2013;

April 12, 2013; and June 27, 2013 from Baghouse B-9460 (EPN Y-E-5). (Category C1

Violation)

#### F. Environmental audits:

Notice of Intent Date:

08/12/2010 (850871)

Disclosure Date:

02/01/2011

Viol. Classification: Minor

Citation:

40 CFR Chapter 265, SubChapter I, PT 265, SubPT I 265.173

30 TAC Chapter 335, SubChapter A 335.2 30 TAC Chapter 335, SubChapter C 335.69

30 TAC Chapter 335, SubChapter C 335.69(a)(1)(A) 30 TAC Chapter 335, SubChapter C 335.69(a)(2) 30 TAC Chapter 335, SubChapter C 335.69(a)(3)

Description: Failed to lavel hazardous waste drums properly, failed to close three drums during storage, failed to label one

drum, and also had one drum on site past the 90 day storage time limit.

Viol. Classification: Minor

Citation:

30 TAC Chapter 335, SubChapter A 335.13 30 TAC Chapter 335, SubChapter A 335.13(j) 30 TAC Chapter 335, SubChapter A 335.13(k)

Description:

Failed to include the "Designated Facility to Generator" copy of the manifest as part of the record to show that the hazardous shipment had been received by the treatment, storage, and disposal facility on many waste manifests

prior to April 2008.

Disclosure Date:

06/24/2011

Viol. Classification: Minor Citation:

40 CFR Chapter 265, SubChapter I, PT 265, SubPT I 265.173

30 TAC Chapter 335, SubChapter A 335.2 30 TAC Chapter 335, SubChapter C 335.69

30 TAC Chapter 335, SubChapter C 335.69(a)(1)(A) 30 TAC Chapter 335, SubChapter C 335.69(a)(2) 30 TAC Chapter 335, SubChapter C 335.69(a)(3)

Description:

Failed to lavel hazardous waste drums properly, failed to close three drums during storage, failed to label one

drum, and also had one drum on site past the 90 day storage time limit.

Viol. Classification: Minor

Citation:

30 TAC Chapter 335, SubChapter A 335.13 30 TAC Chapter 335, SubChapter A 335.13(j)

30 TAC Chapter 335, SubChapter A 335.13(k)

Description:

Failed to include the "Designated Facility to Generator" copy of the manifest as part of the record to show that the

hazardous shipment had been received by the treatment, storage, and disposal facility on many waste manifests

prior to April 2008.

## G. Type of environmental management systems (EMSs):

N/A

#### H. Voluntary on-site compliance assessment dates:

#### Participation in a voluntary pollution reduction program:

N/A

## J. Early compliance:

N/A

#### Sites Outside of Texas:

N/A

# Addendum to Compliance History Federal Enforcement Actions

Reg Entity Name:

MEMC PASADENA INC

Reg Entity Add:

3000 NORTH SOUTH STREET

Reg Entity City:

**PASADENA** 

Reg Entity No: RN101062099

Customer Name: MEMC Pasadena, Inc.

**Customer No:** CN600619415

*EPA Case No:* 06-2011-0958

Order Issue Date (yyyymmdd): 20120925

Case Result:

Sect of Statute: 3008A

Classification: Minor

Statute:

Citation:

Violation Type:

Program: Solid Waste Management -

Cite Sect: Subtitle C - Generator Cite Part:

Enforcement Action: Administrative Penalty Order With or Without Injunctive Relief

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



§	BEFORE THE
§	
<b>§</b>	TEXAS COMMISSION ON
§	
§	ENVIRONMENTAL QUALITY
	§

## AGREED ORDER DOCKET NO. 2013-1858-AIR-E

#### I. JURISDICTION AND STIPULATIONS

On \_\_\_\_\_\_\_\_, the Texas Commission on Environmental Quality ("the Commission" or "TCEQ") considered this agreement of the parties, resolving an enforcement action regarding MEMC Pasadena, Inc. ("Respondent") under the authority of TEX. HEALTH & SAFETY CODE ch. 382 and TEX. WATER CODE ch. 7. The Executive Director of the TCEQ, through the Enforcement Division, and the Respondent together stipulate that:

- 1. The Respondent owns and operates a polysilicon manufacturing plant located at 3000 North South Street in Pasadena, Harris County, Texas (the "Plant").
- 2. The Plant consists of one or more sources as defined in TEX. HEALTH & SAFETY CODE § 382.003(12).
- 3. The Executive Director and the Respondent agree that the Commission has jurisdiction to enter this Agreed Order, and that the Respondent is subject to the Commission's jurisdiction.
- 4. The Respondent received notice of the violations alleged in Section II ("Allegations") on or about August 31, 2013.
- 5. The occurrence of any violation is in dispute and the entry of this Agreed Order shall not constitute an admission by the Respondent of any violation alleged in Section II ("Allegations"), nor of any statute or rule.
- 6. An administrative penalty in the amount of One Hundred Fifty-Eight Thousand Two Hundred Dollars (\$158,200) is assessed by the Commission in settlement of the violations alleged in Section II ("Allegations"). The Respondent has paid Sixty-Three Thousand Two Hundred Eighty Dollars (\$63,280) of the administrative penalty and Thirty-One Thousand Six Hundred Forty Dollars (\$31,640) is deferred contingent upon the Respondent's timely and satisfactory compliance with all the terms of this Agreed Order. The deferred amount will be waived upon full compliance with the terms of this

Agreed Order. If the Respondent fails to timely and satisfactorily comply with all requirements of this Agreed Order, the Executive Director may require the Respondent to pay all or part of the deferred penalty. Sixty-Three Thousand Two Hundred Eighty Dollars (\$63,280) shall be conditionally offset by the Respondent's completion of a Supplemental Environmental Project ("SEP").

- 7. Any notice and procedures, which might otherwise be authorized or required in this action, are waived in the interest of a more timely resolution of the matter.
- 8. The Executive Director and the Respondent agree on a settlement of the matters alleged in this enforcement action, subject to final approval in accordance with 30 Tex. ADMIN. CODE § 70.10(a).
- 9. The Executive Director recognizes that the Respondent has implemented the following corrective measures at the Plant:
  - a. On November 9, 2012, reconsolidated Emissions Point Numbers ("EPNs") Y-E-2 and Y-E-2B to EPN Y-E-2 and obtained a permit amendment for Air Permit No. 9597 to address the split of EPN Y-E-7; and
  - b. On February 20, 2014, the Respondent submitted a Federal Operating Permit ("FOP") renewal and revision request in order to obtain FOP authorization for all emission points.
- 10. The Executive Director may, without further notice or hearing, refer this matter to the Office of the Attorney General of the State of Texas ("OAG") for further enforcement proceedings if the Executive Director determines that the Respondent has not complied with one or more of the terms or conditions in this Agreed Order.
- 11. This Agreed Order shall terminate five years from its effective date or upon compliance with all the terms and conditions set forth in this Agreed Order, whichever is later.
- 12. The provisions of this Agreed Order are deemed severable and, if a court of competent jurisdiction or other appropriate authority deems any provision of this Agreed Order unenforceable, the remaining provisions shall be valid and enforceable.

#### II. ALLEGATIONS

As owner and operator of the Plant, the Respondent is alleged to have:

1. Failed to comply with permitted emission rates, in violation of 30 Tex. Admin. Code §§ 116.115(c) and 122.143(4), FOP No. O1412, Special Terms and Conditions ("STC") Nos. 7(a)(i) and 11, Air Permit No. 9597, Special Conditions ("SC") No. 1, and Tex. Health & Safety Code § 382.085(b), as documented during a record review conducted on June 17, 2013. Specifically, during a stack test conducted on February 18, 2011, it was determined that the nitrogen oxides ("NOx") emission rate was 0.31 pound per hour ("lb/hr") for EPN Y-C-201 and 0.59 lb/hr for EPN Y-C-301, exceeding the permitted emission rates of 0.23 lb/hr, resulting in the release of approximately 9,873.6 lbs of unauthorized NOx emissions.

- 2. Failed to comply with the representations with regard to construction plans and operation procedures in an application for a permit, in violation of 30 Tex. Admin. Code §§ 116.115(c) and 116.116(a), Air Permit No. 9597, SC No. 1, and Tex. Health & Safety Code § 382.085(b), as documented during a record review conducted on June 17, 2013. Specifically, on August 10, 2010, the emissions from Vent VP-9840/VP-9841 were authorized to be routed to EPN Y-E-7 and the emissions from Oil Scrubbers D-9104/D-91104 were authorized to be routed to EPN Y-E-2, but the Respondent began routing the emissions from Vent VP-9840/VP-9841 to EPNs Y-E-7 and Y-E-7B on January 4, 2011 and began routing the emissions from Oil Scrubbers D-9104/D-91104 to EPNs Y-E-2 and Y-E-2B on April 15, 2011, resulting in approximately 50 lbs of unauthorized particulate matter ("PM") emissions, 50 lbs of unauthorized PM equal to or less than 10 microns in diameter emissions, and 306.4 lbs of unauthorized volatile organic compounds ("VOC") emissions.
- 3. Failed to authorize all emission points, in violation of 30 Tex. Admin. Code § 122.221(a)(2) and Tex. Health & Safety Code §§ 382.054 and 382.085(b), as documented during a record review conducted on June 17, 2013. Specifically, Vent VP-9840/VP-9841, EPN Y-E-7, was routed to EPNs Y-E-7 and Y-E-7B on January 4, 2011 and Oil Scrubber D-9104/D-91104, EPN Y-E-2, was routed to EPNs Y-E-2 and Y-E-2B on April 15, 2011 and put into service prior to obtaining a FOP revision.
- 4. Failed to comply with permitted emission rates, in violation of 30 Tex. Admin. Code §§ 116.115(c) and 122.143(4), FOP No. O1412, STC No.11, Air Permit No. 9597, SC No. 1, and Tex. Health & Safety Code § 382.085(b), as documented during a record review conducted on June 17, 2013. Specifically, during stack tests conducted on May 12, 2010 for EPN Y-D-204 and on August 4, 2010 for EPN Y-D-4, it was determined that the emissions rate of silane-containing VOC from the LUWA Scrubber R-94150, EPN Y-D-4, was 2.91 lbs/hr and from the LUWA Scrubber R-94250, EPN Y-D-204, was 4.15 lbs/hr, exceeding the permitted emission rates of 0.63 lb/hr, resulting in total unauthorized emissions of silane containing VOC of 169,406.4 lbs.

#### III. DENIALS

The Respondent generally denies each allegation in Section II ("Allegations").

#### IV. ORDERING PROVISIONS

1. It is, therefore, ordered by the TCEQ that the Respondent pay an administrative penalty as set forth in Section I, Paragraph 6 above. The payment of this administrative penalty and the Respondent's compliance with all the terms and conditions set forth in this Agreed Order resolve only the allegations in Section II. The Commission shall not be constrained in any manner from requiring corrective action or penalties for violations which are not raised here. Administrative penalty payments shall be made payable to "TCEQ" and shall be sent with the notation "Re: MEMC Pasadena, Inc., Docket No. 2013-1858-AIR-E" to:

Financial Administration Division, Revenue Operations Section Attention: Cashier's Office, MC 214 Texas Commission on Environmental Quality P.O. Box 13088 Austin, Texas 78711-3088

- 2. The Respondent shall implement and complete a SEP in accordance with Tex. WATER CODE § 7.067. As set forth in Section I, Paragraph 6 above, Sixty-Three Thousand Two Hundred Eighty Dollars (\$63,280) of the assessed administrative penalty shall be offset with the condition that the SEP defined in Attachment A, incorporated herein by reference, is implemented by the Respondent. The Respondent's obligation to pay the conditionally offset portion of the administrative penalty assessed shall be discharged upon final completion of all provisions of the SEP agreement.
- 3. It is further ordered that the Respondent shall undertake the following technical requirements:
  - a. Within 30 days after the effective date of this Agreed Order:
    - i. Implement measures and/or procedures to ensure compliance with permitted emission rates for EPN Y-C-201; and
    - ii. Commence an engineering study to determine whether compliance with permitted emission rates for EPNs Y-D-4 and Y-D-204 are expected to be most practically achieved by obtaining a permit amendment that will increase the maximum allowable emissions rates, by installing pollution control equipment, or by some combination thereof.
  - b. Within 45 days after the effective date of this Agreed Order, submit written certification as described in Ordering Provision No. 3.k. below to demonstrate compliance with Ordering Provision Nos. 3.a.i. and 3.a.ii.;
  - c. Within 60 days after the effective date of this Agreed Order, implement measures and/or procedures to ensure compliance with the permitted emission rates for EPN Y-C-301;
  - d. Within 75 days after the effective date of this Agreed Order, submit written certification as described in Ordering Provision No. 3.k. below to demonstrate compliance with Ordering Provision No. 3.c.;
  - e. Within 90 days after the effective date of this Agreed Order, complete the engineering study outlined in Ordering Provision No. 3.a.ii.;
  - f. Within 105 days after the effective date of this Agreed Order, submit written certification as described in Ordering Provision No. 3.k. below to demonstrate compliance with Ordering Provision No. 3.e.;
  - g. Within 180 days after the effective date of this Agreed Order:
    - i. Implement measures and/or procedures to ensure compliance with permitted emission rates for EPNs Y-D-4 and/or Y-D-204; or
    - ii. Submit a permit amendment application to increase the permitted emission rates of EPNs Y-D-4 and/or Y-D-204, in accordance with 30 Tex. ADMIN. CODE § 116.111, to:

Air Permits Division, MC 163 Texas Commission on Environmental Quality P.O. Box 13087 Austin, Texas 78711-3087

- h. Within 195 days after the effective date of this Agreed Order, submit written certification as described in Ordering Provision No. 3.k. below to demonstrate compliance with Ordering Provision Nos. 3.g.i. and/or 3.g.ii.;
- i. For the FOP renewal and revision request filed on February 20, 2014 and if any permit application is submitted for Ordering Provision No. 3.g.ii., then respond completely and adequately, as determined by the TCEQ, to all requests for information concerning the renewal and/or amendment within 30 days after the date of such requests, or by any other deadline specified in writing;
- j. Within 365 days after the effective date of this Agreed Order, submit written certification as described in Ordering Provision No. 3.k. below to demonstrate that the FOP and any applicable New Source Review permit authorization has been obtained for the affected emissions points or operation of the affected emissions points has ceased until such time that a proper authorization is obtained; and
- k. The certifications required by these Ordering Provisions shall be accompanied by detailed supporting documentation including photographs, receipts, and/or other records, and shall be notarized by a State of Texas Notary Public and include the following certification language:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

The certification shall be submitted to:

Order Compliance Team Enforcement Division, MC 149A Texas Commission on Environmental Quality P.O. Box 13087 Austin, Texas 78711-3087

with a copy to:

Air Section Manager Houston Regional Office Texas Commission on Environmental Quality 5425 Polk Avenue, Suite H Houston, Texas 77023-1486

- 4. The provisions of this Agreed Order shall apply to and be binding upon the Respondent. The Respondent is ordered to give notice of the Agreed Order to personnel who maintain day-to-day control over the Plant operations referenced in this Agreed Order.
- 5. If the Respondent fails to comply with any of the Ordering Provisions in this Agreed Order within the prescribed schedules, and that failure is caused solely by an act of God, war, strike, riot, or other catastrophe, the Respondent's failure to comply is not a violation of this Agreed Order. The Respondent shall have the burden of establishing to the Executive Director's satisfaction that such an event has occurred. The Respondent shall notify the Executive Director within seven days after the Respondent becomes aware of a delaying event and shall take all reasonable measures to mitigate and minimize any delay.
- 6. The Executive Director may grant an extension of any deadline in this Agreed Order or in any plan, report, or other document submitted pursuant to this Agreed Order, upon a written and substantiated showing of good cause. All requests for extensions by the Respondent shall be made in writing to the Executive Director. Extensions are not effective until the Respondent receives written approval from the Executive Director. The determination of what constitutes good cause rests solely with the Executive Director.
- 7. This Agreed Order, issued by the Commission, shall not be admissible against the Respondent in a civil proceeding, unless the proceeding is brought by the OAG to: (1) enforce the terms of this Agreed Order; or (2) pursue violations of a statute within the Commission's jurisdiction, or of a rule adopted or an order or permit issued by the Commission under such a statute.
- This Agreed Order may be executed in separate and multiple counterparts, which 8. together shall constitute a single instrument. Any page of this Agreed Order may be copied, scanned, digitized, converted to electronic portable document format ("pdf"), or otherwise reproduced and may be transmitted by digital or electronic transmission, including but not limited to facsimile transmission and electronic mail. Any signature affixed to this Agreed Order shall constitute an original signature for all purposes and may be used, filed, substituted, or issued for any purpose for which an original signature could be used. The term "signature" shall include manual signatures and true and accurate reproductions of manual signatures created, executed, endorsed, adopted, or authorized by the person or persons to whom the signatures are attributable. Signatures may be copied or reproduced digitally, electronically, by photocopying, engraving, imprinting, lithographing, electronic mail, facsimile transmission, stamping, or any other means or process which the Executive Director deems acceptable. In this paragraph exclusively, the terms "electronic transmission", "owner", "person", "writing", and "written" shall have the meanings assigned to them under Tex. Bus. Org. Code § 1.002.
- 9. Under 30 Tex. Admin. Code § 70.10(b), the effective date is the date of hand-delivery of the Order to the Respondent, or three days after the date on which the Commission mails notice of the Order to the Respondent, whichever is earlier.

MEMC Pasadena, Inc. DOCKET NO. 2013-1858-AIR-E Page 7

MEMC Pasadena, Inc.

# SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

For the Commission	
Pom Your For the Executive Director	1018114
agree to the attached Agreed Order on behalf	I the attached Agreed Order. I am authorized to of the entity indicated below my signature, and therein. I further acknowledge that the TCEQ, in naterially relying on such representation.
<ul> <li>and/or failure to timely pay the penalty amoun</li> <li>A negative impact on compliance histor</li> <li>Greater scrutiny of any permit application</li> <li>Referral of this case to the Attorney additional penalties, and/or attorney feed</li> <li>Increased penalties in any future enforced</li> <li>Automatic referral to the Attorney General and</li> <li>TCEQ seeking other relief as authorized</li> </ul>	y; cons submitted; General's Office for contempt, injunctive relief es, or to a collection agency; cement actions; neral's Office of any future enforcement actions I by law.
In addition, any faisincation of any compliance  Signature	e documents may result in criminal prosecution. $\frac{8 - 11 - 1}{\text{Date}}$
ROBIN K PROKOP  Name (Printed or typed)  Authorized Representative of	PLANT MANAGER Title

Instructions: Send the original, signed Agreed Order with penalty payment to the Financial Administration Division, Revenue Operations Section at the address in Section IV, Paragraph 1 of this Agreed Order.

	*			

#### Attachment A

# Docket Number: 2013-1858-AIR-E

#### SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondent:	MEMC Pasadena, Inc.			
Penalty Amount:	One Hundred Twenty-Six Thousand Five Hundred Sixty Dollars (\$126,560)			
SEP Offset Amount:	Sixty-Three Thousand Two Hundred Eighty Dollars (\$63,280)			
Type of SEP:	Contribution to a Third-Party Pre-Approved SEP			
Third-Party Administrator:	Houston-Galveston Area Council-AERCO ("AERCO")			
Project Name:	Clean Vehicles Partnership Project			
<u>Location of SEP:</u> Angelina, Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston, Hardin, Harris, Houston, Jasper, Jefferson, Liberty, Matagorda,				
Montgomery, Nacogdoches, Newton, Orange, Polk, Sabine, San Augustine, San				

The Texas Commission on Environmental Quality ("TCEQ") agrees to offset a portion of the administrative penalty amount assessed in this Agreed Order for the Respondent to contribute to a Supplemental Environmental Project ("SEP"). The offset is equal to the SEP Offset Amount set forth above and is conditioned upon completion of the project in

# 1. Project Description

accordance with the terms of this Attachment A.

## a. Project

The Respondent shall contribute the SEP Offset Amount to the Third-Party Administrator named above. The contribution will be to the **Houston-Galveston Area Council-AERCO** for the *Clean Vehicles Partnership Project*. The contribution will be used in accordance with the SEP between the Third-Party Administrator and the TCEQ (the "Project"). Specifically, the SEP Offset Amount will be used to to replace old, higher emission buses that do not meet 2010 Environmental Protection Agency ("EPA") emissions standards ("Old Buses") with new, lower emission buses that meet the most recent EPA emissions standards ("New Buses") or to retrofit or convert Old Buses with emissions reducing equipment. The Third-Party Administrator shall allocate the SEP Offset Amount to public entities such as school districts, local governments, and public transit authorities ("SEP Administrators") that apply for replacement, retrofit, or conversion of buses.

The SEP Offset Amount may also be used for retrofit or conversion technology that brings an Old Bus up to current EPA emissions standards. New Buses may be

alternative-fueled. The SEP Offset Amount may be used for up to 100% of the replacement, conversion, or retrofit cost. The SEP Offset Amount will be used only for purchase of New Buses or conversion or retrofit equipment and contract labor for installation of equipment. The SEP Offset Amount will not be used for financing such a purchase through a lease-purchase or similar agreement.

Retrofitting means reducing exhaust emissions to current standards by installing devices that are verified or certified by the EPA or the California Air Resources Board as proven retrofit technologies. Converting means replacing an engine system with an alternative fuel engine system to bring the Old Bus within the current EPA emissions standards. Buses to be replaced, retrofitted, or converted must be in regular use (driven at least five hundred miles per year for at least the past two years) by the SEP Administrator and must not already be scheduled for replacement in the following twenty-four months. All replaced buses must be fully decommissioned. The Third-Party Administrator shall provide proof of decommissioning to TCEQ for each replaced vehicle by submitting a copy of the TCEQ SEP Vehicle Replacement Disposition Form. The SEP will be done in accordance with all federal, state, and local environmental laws and regulations.

All dollars contributed will be used solely for the direct cost of implementing the Project, including, but not limited to supplies, materials, and equipment. Any portion of this contribution that is not spent on the specifically identified SEP may, at the discretion of the Executive Director ("ED"), be applied to another pre-approved SEP.

The Respondent's signature affixed to this Agreed Order certifies that the Respondent has no prior commitment to make this contribution and that it is being contributed solely in an effort to settle this enforcement action. The Respondent shall not profit in any manner from this SEP.

#### b. Environmental Benefit

This SEP will directly benefit air quality by reducing harmful exhaust emissions that contribute to the formation of ozone and may cause or exacerbate a number of respiratory diseases, including asthma. For example, by replacing a 1989 diesel bus with a 2010 ultra-low emission model, passengers' exposure to nitrogen oxides may be reduced by 98 percent; volatile organic compounds by 93 percent; carbon dioxide by 83 percent; and particulate matter by 99 percent. In addition, by encouraging less bus idling, this SEP contributes to public awareness of air pollution and air quality.

## c. Minimum Expenditure

The Respondent shall contribute at least the SEP Offset Amount to the Third-Party Administrator and comply with all other provisions of this SEP.

#### 2. Performance Schedule

Within 30 days after the effective date of this Agreed Order, the Respondent must contribute the SEP Offset Amount to the Third-Party Administrator. The Respondent shall make the check payable to **Houston-Galveston Area Council-AERCO SEP** and shall mail the contribution with a copy of the Agreed Order to:

Houston-Galveston Area Council-AERCO P.O. Box 22777 Houston, Texas 77227-2777

## 3. Records and Reporting

Concurrent with the payment of the SEP Offset Amount, Respondent shall provide the Enforcement SEP Coordinator with a copy of the check and transmittal letter indicating full payment of the SEP Offset Amount to the Third-Party Administrator. The Respondent shall mail a copy of the check and transmittal letter to:

Texas Commission on Environmental Quality Enforcement Division Attention: SEP Coordinator, MC 219 P.O. Box 13087 Austin, Texas 78711-3087

# 4. Failure to Fully Perform

If the Respondent does not perform its obligations under this Attachment A, including full expenditure of the SEP Offset Amount and submittal of the required reporting described in Sections 2 and 3 above, the ED may require immediate payment of all or part of the SEP Offset Amount.

In the event the ED determines that the Respondent failed to fully implement and complete the Project, the Respondent shall remit payment for all or a portion of the SEP Offset Amount, as determined by the ED, and as set forth in the attached Agreed Order. After receiving notice of failure to complete the SEP, the Respondent shall include the docket number of the attached Agreed Order and a note that the enclosed payment is for the reimbursement of a SEP; shall make the check payable to "Texas Commission on Environmental Quality;" and shall mail it to:

> Texas Commission on Environmental Quality Litigation Division Attention: SEP Coordinator, MC 175 P.O. Box 13087 Austin, Texas 78711-3087

## 5. Publicity

Any public statements concerning this SEP and/or project, made by or on behalf of the Respondent must include a clear statement that **the Project was performed as part of the settlement of an enforcement action brought by the TCEQ**. Such statements include advertising, public relations, and press releases.

## 6. Clean Texas Program

The Respondent shall not include this SEP in any application made to TCEQ under the "Clean Texas" (or any successor) program(s). Similarly, the Respondent may not seek recognition for this contribution in any other state or federal regulatory program.

# 7. Other SEPs by TCEQ or Other Agencies

The SEP Offset Amount identified in this Attachment A and in the attached Agreed Order has not been, and shall not be, included as a SEP for the Respondent under any other Agreed Order negotiated with the TCEQ or any other agency of the state or federal government.